

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/509009
Source: PCT
Date Processed by STIC: 5-13-05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 05/13/2005

PATENT APPLICATION: US/10/509,009

TIME: 15:02:07

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\05132005\J509009.raw

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4 <110> APPLICANT: Chiquet-Ehrismann, Ruth
5   Scherberich, Arnaud
7 <120> TITLE OF INVENTION: TENASCIN-W COMPOSITIONS AND USES THEREOF
10 <130> FILE REFERENCE: 1/32411A/USN/FMI
12 <140> CURRENT APPLICATION NUMBER: 10/509,009
13 <141> CURRENT FILING DATE: 2004-09-24
15 <150> PRIOR APPLICATION NUMBER: PCT/EP03/03150
16 <151> PRIOR FILING DATE: 2003-03-26
18 <150> PRIOR APPLICATION NUMBER: GB0207224.7
19 <151> PRIOR FILING DATE: 2002-03-27
21 <160> NUMBER OF SEQ ID NOS: 28
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 3891
27 <212> TYPE: DNA
28 <213> ORGANISM: Mus musculus
30 <220> FEATURE:
31 <221> NAME/KEY: CDS
32 <222> LOCATION: (1)...(3891)
33 <223> OTHER INFORMATION: Mouse tenascin-W
35 <400> SEQUENCE: 1
36 atg ggt ctc tgg ggg atg ctc gcc ttc ccc ctg gga ttt ctg ctt gct 48
37 Met Gly Leu Trp Gly Met Leu Ala Phe Pro Leu Gly Phe Leu Leu Ala
38 1 5 10 15
40 tct gtg ctc ctg gtg gct tcg gcc cca gcc act cca gag tct ccc ggc 96
41 Ser Val Leu Leu Val Ala Ser Ala Pro Ala Thr Pro Glu Ser Pro Gly
42 20 25 30
44 tgc agc aac aaa gag caa cag gtc act gtt agc cac acc tac aag att 144
45 Cys Ser Asn Lys Glu Gln Gln Val Thr Val Ser His Thr Tyr Lys Ile
46 35 40 45
48 gac gtg ccc aag tct gct ctg gtt caa gta gag acc gac cca cag tca 192
49 Asp Val Pro Lys Ser Ala Leu Val Gln Val Glu Thr Asp Pro Gln Ser
50 50 55 60
52 ctc agc gat gat ggg aca tca ctc ttg gct ccc ggg gag gat ggg gag 240
53 Leu Ser Asp Asp Gly Thr Ser Leu Leu Ala Pro Gly Glu Asp Gly Glu
54 65 70 75 80
56 gag cag aac att atc ttc agg cac aac atc cgt ctt cag aca ccg cag 288
57 Glu Gln Asn Ile Ile Phe Arg His Asn Ile Arg Leu Gln Thr Pro Gln
58 85 90 95
60 aag aat tgc gac ctg gca gac agt gtc cag gac ctg cta gcc cgg atg 336
61 Lys Asn Cys Asp Leu Ala Asp Ser Val Gln Asp Leu Leu Ala Arg Met
62 100 105 110
64 aaa aag ctg gag gaa gag atg gca gag ctg aag gag cag tgc aat acc 384

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65 Lys Lys Leu Glu Glu Glu Met Ala Glu Leu Lys Glu Gln Cys Asn Thr
66      115      120      125
68 aac cgc tgc tgc cag ggg gct gct gat ctg agc cgt cac tgc agt ggc 432
69 Asn Arg Cys Cys Gln Gly Ala Ala Asp Leu Ser Arg His Cys Ser Gly
70      130      135      140
72 cac ggg acc ttc ctc cct gag acc tgc agc tgc cac tgt gac cag ggc 480
73 His Gly Thr Phe Leu Pro Glu Thr Cys Ser Cys His Cys Asp Gln Gly
74 145      150      155      160
76 tgg gag ggc gca gac tgt gat cag ccc acc tgt cct ggg gct tgc aac 528
77 Trp Glu Gly Ala Asp Cys Asp Gln Pro Thr Cys Pro Gly Ala Cys Asn
78      165      170      175
80 ggc cac ggg cgc tgt gtg gat ggg cag tgc gtg tgt gac gcg ccc tat 576
81 Gly His Gly Arg Cys Val Asp Gly Gln Cys Val Cys Asp Ala Pro Tyr
82      180      185      190
84 gtg ggg gtc gac tgc gcc tac gcc tgt ccc cag gac tgc agt ggg 624
85 Val Gly Val Asp Cys Ala Tyr Ala Ala Cys Pro Gln Asp Cys Ser Gly
86      195      200      205
88 cat ggc gtg tgc gtg cag ggt gtc tgc cag tgc cac gag gac ttc aca 672
89 His Gly Val Cys Val Gln Gly Val Cys Gln Cys His Glu Asp Phe Thr
90      210      215      220
92 gca gag gac tgc agc gag cag cgc tgt cct ggc gac tgt agt ggc aat 720
93 Ala Glu Asp Cys Ser Glu Gln Arg Cys Pro Gly Asp Cys Ser Gly Asn
94 225      230      235      240
96 ggt ttc tgt gac act ggc gag tgt tac tgt gag atg ggc ttt act ggc 768
97 Gly Phe Cys Asp Thr Gly Glu Cys Tyr Cys Glu Met Gly Phe Thr Gly
98      245      250      255
100 ccc gac tgt tcc cag gtg gtg gct cct cag ggc ctg cag ttg ctc aag 816
101 Pro Asp Cys Ser Gln Val Val Ala Pro Gln Gly Leu Gln Leu Leu Lys
102      260      265      270
104 agc acg gag aac tct ctg ctg gtg agt tgg gag ccc tcc agt gag gta 864
105 Ser Thr Glu Asn Ser Leu Leu Val Ser Trp Glu Pro Ser Ser Glu Val
106      275      280      285
108 gac tac tac ctg ctc agc tac tac ccc ctg ggg aag gag caa gct aca 912
109 Asp Tyr Tyr Leu Leu Ser Tyr Tyr Pro Leu Gly Lys Glu Gln Ala Thr
110      290      295      300
112 aaa cag gtc cgg gta ccc aag gag cag cac acc tat gac atc acc ggc 960
113 Lys Gln Val Arg Val Pro Lys Glu Gln His Thr Tyr Asp Ile Thr Gly
114 305      310      315      320
116 ttg ctg cct gga acc aag tac ata gtc acc ctg cgc aac gtg aag aaa 1008
117 Leu Leu Pro Gly Thr Lys Tyr Ile Val Thr Leu Arg Asn Val Lys Lys
118      325      330      335
120 gac att tcc agc agc cct cag cat cta ctt gcc acc aca gac ctt gct 1056
121 Asp Ile Ser Ser Ser Pro Gln His Leu Leu Ala Thr Thr Asp Leu Ala
122      340      345      350
124 gtg ctt ggc act gcc tgg gta aat gaa gag act gag aca tcc ctc gat 1104
125 Val Leu Gly Thr Ala Trp Val Asn Glu Glu Thr Glu Thr Ser Leu Asp
126      355      360      365
128 gtg gag tgg gag aac cct ctg act gag gtg gac tat tac aag ctt cgg 1152
129 Val Glu Trp Glu Asn Pro Leu Thr Glu Val Asp Tyr Tyr Lys Leu Arg

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130	370	375	380	
132	tat ggc ccc tta aca ggg cag gag gtg aca gag gtc act gtg ccc aag	1200		
133	Tyr Gly Pro Leu Thr Gly Gln Glu Val Thr Glu Val Thr Val Pro Lys			
134	385 390 395 400			
136	agc cgt gat ccc aag agc aga tat gac atc act ggt ctg cag cct gga	1248		
137	Ser Arg Asp Pro Lys Ser Arg Tyr Asp Ile Thr Gly Leu Gln Pro Gly			
138	405 410 415			
140	acg gaa tat aaa atc aca gtt gtg ccc atc cga ggt gat ctg gag gga	1296		
141	Thr Glu Tyr Lys Ile Thr Val Val Pro Ile Arg Gly Asp Leu Glu Gly			
142	420 425 430			
144	aag ccg att ctc ctg aat ggc agg aca gaa att gat gga cca acc aat	1344		
145	Lys Pro Ile Leu Leu Asn Gly Arg Thr Glu Ile Asp Gly Pro Thr Asn			
146	435 440 445			
148	gtg gtc aca aat cag gtg aca gaa gac aca gca tct gtt tcc tgg gat	1392		
149	Val Val Thr Asn Gln Val Thr Glu Asp Thr Ala Ser Val Ser Trp Asp			
150	450 455 460			
152	cca gtg agg gct gac ata gac aag tat gtg gtg cgc tat atc gcc ccc	1440		
153	Pro Val Arg Ala Asp Ile Asp Lys Tyr Val Val Arg Tyr Ile Ala Pro			
154	465 470 475 480			
156	gat ggg gag acc aag gag aag gca gta cca aag gac cag agc agc acc	1488		
157	Asp Gly Glu Thr Lys Glu Lys Ala Val Pro Lys Asp Gln Ser Ser Thr			
158	485 490 495			
160	gtt ctc aca ggc ctg aag cca gga gag gcc tac aaa gtc ttt gtg tgg	1536		
161	Val Leu Thr Gly Leu Lys Pro Gly Glu Ala Tyr Lys Val Phe Val Trp			
162	500 505 510			
164	gct gag agg ggc aac caa ggc agc aag aaa gca gac acc aag gcc ctc	1584		
165	Ala Glu Arg Gly Asn Gln Gly Ser Lys Lys Ala Asp Thr Lys Ala Leu			
166	515 520 525			
168	aca gaa att gac agt cca gaa aac ctg gtg act gac cgg gtg aca gag	1632		
169	Thr Glu Ile Asp Ser Pro Glu Asn Leu Val Thr Asp Arg Val Thr Glu			
170	530 535 540			
172	aac agc ctc tct gtc tgc tgg gag cca gtg gag gct gac atc gac agg	1680		
173	Asn Ser Leu Ser Val Ser Trp Asp Pro Val Glu Ala Asp Ile Asp Arg			
174	545 550 555 560			
176	tat gtg gta agc tac act tcc gtg gat gga gag acg aag cag gtt cca	1728		
177	Tyr Val Val Ser Tyr Thr Ser Val Asp Gly Glu Thr Lys Gln Val Pro			
178	565 570 575			
180	gtg aag aag gac cag agg agc acc gtc ctc acc ggc ctg agt ccc ggt	1776		
181	Val Lys Lys Asp Gln Arg Ser Thr Val Leu Thr Gly Leu Ser Pro Gly			
182	580 585 590			
184	gtg gag tac aaa gtt tac gtg tgg gca gag aaa ggc gat cgg gag agc	1824		
185	Val Glu Tyr Lys Val Tyr Val Trp Ala Glu Lys Gly Asp Arg Glu Ser			
186	595 600 605			
188	aag aag gcc aac acc aag gct ccc aca gac atc gac agc ccc aaa aac	1872		
189	Lys Lys Ala Asn Thr Lys Ala Pro Thr Asp Ile Asp Ser Pro Lys Asn			
190	610 615 620			
192	ttg gta act gac cag gtg aca gag aac act ctc agt gtc tcc tgg gac	1920		
193	Leu Val Thr Asp Gln Val Thr Glu Asn Thr Leu Ser Val Ser Trp Asp			
194	625 630 635 640			

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196	cct	gtt	cag	gcc	aac	att	gac	agg	tat	atg	gtg	agc	tac	acc	tct	gcc	1968
197	Pro	Val	Gln	Ala	Asn	Ile	Asp	Arg	Tyr	Met	Val	Ser	Tyr	Thr	Ser	Ala	
198					645					650					655		
200	gat	gga	gag	aca	aga	gag	gtc	cca	gtg	cct	aag	gag	aag	agc	agt	acc	2016
201	Asp	Gly	Glu	Thr	Arg	Glu	Val	Pro	Val	Pro	Lys	Glu	Lys	Ser	Ser	Thr	
202					660					665					670		
204	gtc	ctg	act	ggc	ctg	agg	cca	ggt	gtg	gag	tac	aag	gtc	cat	gtg	tgg	2064
205	Val	Leu	Thr	Gly	Leu	Arg	Pro	Gly	Val	Glu	Tyr	Lys	Val	His	Val	Trp	
206					675					680					685		
208	gcc	cag	aag	ggg	acc	cag	gag	agc	aga	aag	gcc	aac	acc	aag	gcc	ccc	2112
209	Ala	Gln	Lys	Gly	Thr	Gln	Glu	Ser	Arg	Lys	Ala	Asn	Thr	Lys	Ala	Pro	
210					690					695					700		
212	aca	gat	att	gat	ggc	ccc	aaa	aac	ctg	gtg	act	gac	cag	gtg	acc	gag	2160
213	Thr	Asp	Ile	Asp	Gly	Pro	Lys	Asn	Leu	Val	Thr	Asp	Gln	Val	Thr	Glu	
214	705					710					715				720		
216	acc	act	ctt	agt	gtc	tcc	tgg	gac	cca	gtg	gag	gct	gac	att	gat	agg	2208
217	Thr	Thr	Leu	Ser	Val	Ser	Trp	Asp	Pro	Val	Glu	Ala	Asp	Ile	Asp	Arg	
218						725					730				735		
220	tac	atg	gtt	cgc	tac	acg	tct	cct	gat	gga	gag	acc	aag	gag	gtg	cct	2256
221	Tyr	Met	Val	Arg	Tyr	Thr	Ser	Pro	Asp	Gly	Glu	Thr	Lys	Glu	Val	Pro	
222						740					745				750		
224	gtg	tca	aag	gat	aag	agc	agc	aca	gtc	ctg	agg	ggc	ctg	agg	cca	ggt	2304
225	Val	Ser	Lys	Asp	Lys	Ser	Ser	Thr	Val	Leu	Arg	Gly	Leu	Arg	Pro	Gly	
226						755					760				765		
228	gtg	gag	tac	aag	gtg	gat	gta	tgg	gcc	cag	aag	ggg	gcc	cag	gac	agc	2352
229	Val	Glu	Tyr	Lys	Val	Asp	Val	Trp	Ala	Gln	Lys	Gly	Ala	Gln	Asp	Ser	
230						770					775				780		
232	cgg	aag	gcc	aac	acc	aag	gcc	ccc	aca	gat	att	gac	agc	cct	aaa	aac	2400
233	Arg	Lys	Ala	Asn	Thr	Lys	Ala	Pro	Thr	Asp	Ile	Asp	Ser	Pro	Lys	Asn	
234	785					790					795				800		
236	cta	gtg	act	gag	cag	gtg	gca	gag	agc	act	gcc	acc	gtg	tcc	tgg	gac	2448
237	Leu	Val	Thr	Glu	Gln	Val	Ala	Glu	Ser	Thr	Ala	Thr	Val	Ser	Trp	Asp	
238						805					810				815		
240	cca	gta	gag	gct	gac	atc	gac	agg	tat	gtg	gtg	cgc	tac	acc	tct	gct	2496
241	Pro	Val	Glu	Ala	Asp	Ile	Asp	Arg	Tyr	Val	Val	Arg	Tyr	Thr	Ser	Ala	
242						820					825				830		
244	gat	gga	gag	acc	agg	gag	att	cca	gtg	agg	aag	gag	aag	agc	agc	act	2544
245	Asp	Gly	Glu	Thr	Arg	Glu	Ile	Pro	Val	Arg	Lys	Glu	Lys	Ser	Ser	Thr	
246						835					840				845		
248	gtc	ctc	aca	ggc	ctg	aga	ccg	ggt	gtg	gag	tac	acg	gtc	caa	gtg	tgg	2592
249	Val	Leu	Thr	Gly	Leu	Arg	Pro	Gly	Val	Glu	Tyr	Thr	Val	Gln	Val	Trp	
250						850					855				860		
252	gct	cag	aag	ggg	gcc	cgg	gag	agc	aag	aag	gcc	aaa	acc	aag	gcc	ccc	2640
253	Ala	Gln	Lys	Gly	Ala	Arg	Glu	Ser	Lys	Lys	Ala	Lys	Thr	Lys	Ala	Pro	
254	865					870					875				880		
256	aca	gaa	att	gac	agc	ccc	aag	aac	ttg	gtg	acc	aac	cga	gtg	aca	gaa	2688
257	Thr	Glu	Ile	Asp	Ser	Pro	Lys	Asn	Leu	Val	Thr	Asn	Arg	Val	Thr	Glu	
258						885					890				895		
260	aat	aca	gcc	acc	atc	tcc	tgg	gac	cca	gtg	cga	gcc	aac	att	gac	agg	2736

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261 Asn Thr Ala Thr Ile Ser Trp Asp Pro Val Arg Ala Asn Ile Asp Arg
262          900          905          910
264 tac atg gtt cgc tac acc tct gcg gat gga gag act aag gag att cca 2784
265 Tyr Met Val Arg Tyr Thr Ser Ala Asp Gly Glu Thr Lys Glu Ile Pro
266          915          920          925
268 gtg tca aag gat cag agt aac acc atc ctg aca ggc ctg aaa cca ggc 2832
269 Val Ser Lys Asp Gln Ser Asn Thr Ile Leu Thr Gly Leu Lys Pro Gly
270          930          935          940
272 atg gaa tat acc att cat gtg tgg gcc cag aag ggg gcc cgg gag agc 2880
273 Met Glu Tyr Thr Ile His Val Trp Ala Gln Lys Gly Ala Arg Glu Ser
274 945          950          955          960
276 aag aag gct gat acc aag gcc cta aca gaa att gac cct ccc aga aat 2928
277 Lys Lys Ala Asp Thr Lys Ala Leu Thr Glu Ile Asp Pro Pro Arg Asn
278          965          970          975
280 ctc cgt ccg ttc ggg gta aca cat tct ggt ggg gtt ttg acc tgg ttg 2976
281 Leu Arg Pro Phe Gly Val Thr His Ser Gly Gly Val Leu Thr Trp Leu
282          980          985          990
284 ccc cca tct gct caa att gat ggc tac att ttg acc tac cag ttc cca 3024
285 Pro Pro Ser Ala Gln Ile Asp Gly Tyr Ile Leu Thr Tyr Gln Phe Pro
286          995          1000          1005
288 aat ggc acc gtg aag ggg gtg gag ctc cca aga ggc cag cag aga ttt 3072
289 Asn Gly Thr Val Lys Gly Val Glu Leu Pro Arg Gly Gln Gln Arg Phe
290          1010          1015          1020
292 gaa ttg caa gac ctg gaa cag ggt gtc acc tat cct gtt tcc ttg gtt 3120
293 Glu Leu Gln Asp Leu Glu Gln Gly Val Thr Tyr Pro Val Ser Leu Val
294 1025          1030          1035          1040
296 gcc ttc aaa ggt aat cag cgg agc cgg act gtg tct acc acc ctt tct 3168
297 Ala Phe Lys Gly Asn Gln Arg Ser Arg Thr Val Ser Thr Thr Leu Ser
298          1045          1050          1055
300 aca gtg gat gct cgc ttt cca cac ccc tca gac tgc agt caa gtt cag 3216
301 Thr Val Asp Ala Arg Phe Pro His Pro Ser Asp Cys Ser Gln Val Gln
302          1060          1065          1070
304 cag aac acc aac gct gcc agt ggg ctc tac acc atc tac ctc aat ggt 3264
305 Gln Asn Thr Asn Ala Ala Ser Gly Leu Tyr Thr Ile Tyr Leu Asn Gly
306          1075          1080          1085
308 gat gcc agc cgg ccc atg cag gtg tac tgc gac atg gac act gac gga 3312
309 Asp Ala Ser Arg Pro Met Gln Val Tyr Cys Asp Met Asp Thr Asp Gly
310          1090          1095          1100
312 ggc ggc tgg att gtc ttc cag aga cgg aac act ggg cag ctg gat ttc 3360
313 Gly Gly Trp Ile Val Phe Gln Arg Arg Asn Thr Gly Gln Leu Asp Phe
314 1105          1110          1115          1120
316 ttc aag cgt tgg cgg agt tat gta gaa ggt ttt ggg gac ccc atg aag 3408
317 Phe Lys Arg Trp Arg Ser Tyr Val Glu Gly Phe Gly Asp Pro Met Lys
318          1125          1130          1135
320 gag ttc tgg ctt gga ctt gat aaa cta cat aat ctc acc act ggc acc 3456
321 Glu Phe Trp Leu Gly Leu Asp Lys Leu His Asn Leu Thr Thr Gly Thr
322          1140          1145          1150
324 acc act cgg tat gag gtg agg gca gac tta cag act ttc aat gaa tct 3504
325 Thr Thr Arg Tyr Glu Val Arg Ala Asp Leu Gln Thr Phe Asn Glu Ser

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VERIFICATION SUMMARY

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